

*Sacerdote, et al. v. New York Unviersity*, 1:16-cv-06284 (KBF) (S.D.N.Y.)

**Joint Pre-Trial Order- Exhibit 3**

**April 5, 2018**

**Stipulation regarding Plan Data**

**IN THE UNITED STATES DISTRICT COURT  
FOR THE SOUTHERN DISTRICT OF NEW YORK**

DR. ALAN SACERDOTE et al.,

Plaintiffs,

v.

NEW YORK UNIVERSITY,

Defendant.

No. 1:16-CV-06284

**STIPULATION CONCERNING PLAN DATA**

In order to expedite the presentation of evidence at trial and to shorten the time necessary for trial, it is hereby agreed and stipulated between the Plaintiffs and Defendant that:

1. Exhibit A is a true and accurate table reflecting each investment option, ticker, and end of year assets for each fund in the New York University Retirement Plan for Members of the Faculty, Professional Research Staff and Administration (“WS Plan”).
2. Exhibit B is a true and accurate table reflecting each investment option, ticker, and end of year assets for each fund in the New York University School of Medicine Plan for Members of the Faculty, Professional Research Staff and Administration (“SOM Plan”).
3. Exhibit C is a true and accurate table reflecting the annual number of WS Plan participants with an account balance.
4. Exhibit D is a true and accurate table reflecting the annual number of SOM Plan participants with an account balance.

Agreed and stipulated this 5th day of April, 2018.

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DR. ALAN SACERDOTE, et. al. vs. NEW YORK UNIVERSITY  
 WS Retirement Plan  
 Plan Assets

Fund Name	Ticker	2009 Assets	2010 Assets	2011 Assets	2012 Assets	2013 Assets	2014 Assets	2015 Assets	2016 Assets
Vanguard Small Cap Index (Inv.)	NAESX	\$1,577,551	\$2,238,611	\$1,907,357	\$2,534,504	\$3,223,752	\$3,921,504	\$3,647,017	\$4,753,044
CREF Bond Market (No class / R3)	None / QCBMIX	\$42,164,407	\$49,169,117	\$52,457,681	\$58,577,739	\$54,336,949	\$58,699,599	\$60,929,814	\$65,350,455
CREF Equity Index (No class / R3)	None / QCEQIX	\$26,956,356	\$33,930,967	\$32,591,976	\$39,435,716	\$50,579,182	\$57,689,969	\$59,104,921	\$65,743,597
CREF Global Equities (No class / R3)	None / QCLQIX	\$44,125,349	\$50,468,642	\$45,034,454	\$52,909,113	\$69,433,876	\$72,016,953	\$74,089,547	\$73,583,737
CREF Growth (No class / R3)	None / QCGRIX	\$35,229,451	\$41,167,599	\$40,526,162	\$48,403,519	\$63,416,423	\$73,518,479	\$79,925,857	\$78,321,451
CREF Inflation-Linked Bond (No class / R3)	None / QCILIX	\$38,163,408	\$44,281,666	\$50,543,333	\$52,995,624	\$37,211,947	\$35,783,276	\$31,512,391	\$30,727,008
CREF Money Market (No class / R3)	None / QCMMIX	\$60,694,278	\$51,414,324	\$51,844,251	\$45,953,883	\$48,269,727	\$36,390,586	\$38,272,213	\$32,492,401
CREF Social Choice (No class / R3)	None / QCSCX	\$28,831,522	\$35,215,903	\$35,926,940	\$40,962,964	\$48,911,266	\$54,998,425	\$52,654,736	\$54,123,412
CREF Stock (No class / R3)	None / QCSITX	\$408,358,918	\$47,002,346	\$399,018,507	\$442,516,552	\$536,703,786	\$525,602,126	\$486,530,106	\$492,986,230
TIAA Real Estate	QREARX	\$22,530,966	\$30,457,996	\$41,141,214	\$49,456,459	\$57,479,322	\$69,029,907	\$77,964,828	\$83,797,645
TIAA-CREF Lifecycle 2010 (Retire / Inst)	TCLFX / TCIX	\$394,468	\$725,573	\$973,494	\$1,811,276	\$2,123,466	\$2,573,773	\$2,927,749	\$3,009,689
TIAA-CREF Lifecycle 2025 (Retire / Inst)	TCLFX / TCYIX	\$212,594	\$493,894	\$779,386	\$1,749,939	\$2,810,239	\$4,965,052	\$5,867,400	\$7,798,323
TIAA-CREF Lifecycle 2015 (Retire / Inst)	TCLIX / TCNIX	\$333,590	\$673,521	\$1,041,364	\$1,442,366	\$2,586,479	\$2,719,097	\$3,542,085	\$3,879,183
TIAA-CREF Lifecycle 2030 (Retire / Inst)	TCLNX / TCRIX	\$433,664	\$1,044,204	\$1,534,928	\$2,534,013	\$3,982,114	\$5,237,180	\$6,525,289	\$8,560,307
TIAA-CREF Lifecycle 2040 (Retire / Inst)	TCLQX / TCOIX	\$681,185	\$1,392,453	\$2,067,004	\$3,629,059	\$6,489,465	\$8,274,224	\$9,828,986	\$12,243,035
TIAA-CREF Lifecycle 2035 (Retire / Inst)	TCLRX / TCIIX	\$428,939	\$884,695	\$1,330,700	\$2,343,416	\$4,078,565	\$5,685,516	\$7,474,905	\$10,140,190
TIAA-CREF Lifecycle 2020 (Retire / Inst)	TCLTX / TCWIX	\$341,503	\$660,124	\$1,195,892	\$2,081,687	\$3,585,292	\$4,514,680	\$6,286,163	\$7,705,268
TIAA-CREF Lifecycle 2050 (Retire / Inst)	TLFRX / TFTIX	\$87,694	\$248,126	\$433,637	\$804,574	\$1,593,806	\$2,178,059	\$2,994,810	\$4,714,295
TIAA-CREF Lifecycle Retirement Income (Retire / Inst)	TLRX / TLRIX	\$425	\$109,083	\$20,715	\$35,535	\$187,547	\$419,081	\$756,418	\$769,952
TIAA-CREF Lifecycle 2060 (Inst)	TLNX								\$726
TIAA-CREF Small-Cap Blend Index (Retire / Inst)	TRBIX / TISBX	\$1,568,728	\$3,229,616	\$3,466,535	\$5,675,462	\$9,774,861	\$11,818,050	\$12,813,306	\$18,437,553
TIAA-CREF Large-Cap Value Index (Retire / Inst)	TRCVX / VILVX	\$815,305	\$1,287,775	\$1,645,820	\$3,859,464	\$8,412,584	\$15,031,137	\$17,478,927	\$30,592,123
TIAA-CREF Mid-Cap Growth (Retire / Inst)	TRGMX / TRPWX	\$617,489	\$1,841,868	\$1,711,277	\$2,779,934	\$4,580,258	\$4,898,852	\$5,287,178	\$5,387,490
TIAA-CREF International Equity Index (Retire / Inst)	TRIX / TCIEX	\$4,800,163	\$7,038,688	\$7,504,952	\$12,183,190	\$16,813,727	\$19,094,445	\$20,947,671	\$25,524,906
TIAA-CREF Mid-Cap Value (Retire / Inst)	TRVRX / TIMVX	\$3,147,362	\$5,747,382	\$6,938,463	\$10,761,494	\$15,605,784	\$20,696,458	\$20,653,361	\$24,297,668
TIAA-CREF Lifecycle 2045 (Retire / Inst)	TTFRX / TFTIX	\$212,784	\$549,905	\$869,210	\$1,579,153	\$2,938,759	\$4,526,462	\$6,488,196	\$8,846,555
TIAA-CREF Lifecycle 2055 (Inst)	TRIX				\$81	\$9,605	\$56,974	\$282,824	\$680,315
Vanguard Asset Allocation (Inv)	VAAPX	\$2,518,361	\$3,167,538	\$2,968,006					
Vanguard LifeStrategy Growth (Inv)	VASGX	\$3,753,399	\$4,682,067	\$4,660,199	\$5,596,119	\$7,290,566	\$8,481,837	\$8,296,686	\$9,022,333
Vanguard LifeStrategy Income (Inv)	VASIX	\$614,481	\$568,602	\$781,596	\$927,302	\$894,345	\$995,071	\$1,007,970	\$1,506,752
Vanguard Selected Value (Inv)	VASVX	\$2,001,445	\$2,427,195	\$2,499,545	\$2,787,564	\$4,435,252	\$4,865,995	\$4,394,165	\$4,518,698
Vanguard Intermediate-Term Bond Index (Inv)	VBIIX	\$1,551,825	\$1,863,014	\$2,458,515	\$2,512,878	\$2,745,951	\$3,148,316	\$3,001,205	\$3,195,651
Vanguard Balanced Index (Inv)	VBINX	\$1,882,591	\$2,380,224	\$2,593,994	\$6,638,182	\$7,951,813	\$9,396,011	\$9,308,205	\$10,28,514
Vanguard Short-Term Bond Index (Inv)	VRISX	\$2,083,012	\$2,856,174	\$2,609,061	\$2,897,359	\$2,874,650	\$2,835,755	\$3,397,576	\$2,951,165
Vanguard Long-Term Bond Index (Inv)	VBLIX	\$1,787,073	\$1,936,601	\$2,626,759	\$3,352,863	\$2,422,334	\$2,888,499	\$2,960,163	\$3,462,646
Vanguard Total Bond Market Index (Inv)	VBMFX	\$12,956,063	\$15,027,282	\$17,405,740	\$19,380,064	\$18,193,096	\$20,366,572	\$21,966,461	\$25,478,818
Vanguard Capital Value (Inv)	VCVLX	\$939,818	\$1,004,347	\$1,034,302	\$1,200,952	\$3,868,130	\$4,003,582	\$1,968,552	\$1,399,598
Vanguard Convertible Securities (Inv)	VCVSX	\$1,320,387	\$1,712,885	\$1,288,433	\$1,463,813	\$1,405,260	\$1,507,319	\$1,331,922	\$1,257,627
Vanguard Dividend Growth (Inv)	VDGIX	\$979,897	\$1,258,830	\$2,818,654	\$3,395,280	\$5,743,125	\$6,110,605	\$6,378,436	\$7,181,155
Vanguard Developed Markets Index (Inv / Inv)	VDMIX / VDVIX	\$558,402	\$689,183	\$707,075	\$967,638	\$1,474,479	\$1,582,135	\$1,580,403	\$2,226,660
Vanguard Emerging Markets Stock Index (Inv)	VEIEX	\$7,425,947	\$10,390,930	\$7,720,317	\$8,440,939	\$7,437,765	\$7,819,111	\$6,740,213	\$7,688,855
Vanguard Equity-Income (Inv)	VEIPX	\$1,658,925	\$2,242,166	\$3,118,033	\$3,835,018	\$4,898,892	\$4,911,326	\$4,790,684	\$8,370,799
Vanguard European Stock Index (Inv)	VEURX	\$2,703,731	\$2,882,930	\$2,462,337	\$2,873,701	\$3,393,928	\$3,173,881	\$3,246,250	\$3,242,529
Vanguard Extended Market Index (Inv)	VEXMX	\$1,316,708	\$2,071,273	\$1,992,483	\$1,909,750	\$3,168,637	\$3,637,459	\$3,677,593	\$4,395,807
Vanguard Explorer (Inv)	VEXPX	\$3,815,139	\$4,701,288	\$4,415,083	\$4,994,873	\$7,624,033	\$7,184,872	\$6,737,809	\$7,186,707
Vanguard Target Retirement 2055 (Inv)	VFVFX		\$69	\$45,397	\$164,780	\$520,917	\$1,187,673	\$2,460,203	\$4,445,174
Vanguard Intermediate-Term Investment-Grade (Inv)	VFICX	\$2,322,226	\$3,227,871	\$2,746,898	\$4,798,502	\$2,636,724	\$3,573,795	\$3,099,039	\$3,092,281
Vanguard Target Retirement 2050 (Inv)	VFIFX	\$734,700	\$1,788,893	\$2,900,291	\$4,994,315	\$8,928,688	\$13,229,333	\$17,191,526	\$23,081,508
Vanguard GNMA (Inv)	VFIIX	\$3,078,708	\$3,630,068	\$5,005,480	\$5,200,579	\$4,865,869	\$5,054,717	\$4,612,214	\$4,581,690
Vanguard 500 Index (Inv)	VFINX	\$22,950,692	\$26,939,989	\$27,880,506	\$33,258,510	\$45,787,079			
Vanguard Short-Term Treasury (Inv)	VFISX	\$1,661,063	\$2,159,025	\$1,923,917	\$2,203,900	\$1,956,758	\$1,907,597	\$2,147,028	\$2,130,816
Vanguard Intermediate-Term Treasury (Inv)	VFITX	\$4,594,705	\$3,163,700	\$2,132,211	\$1,349,142	\$1,758,632	\$1,570,218	\$2,154,878	\$2,160,286
Vanguard Target Retirement 2040 (Inv)	VFORX	\$1,706,865	\$3,622,756	\$5,429,891	\$8,729,164	\$13,717,446	\$18,449,330	\$22,752,799	\$28,791,870
Vanguard Short-Term Investment-Grade (Inv)	VFSTX	\$4,777,539	\$5,115,555	\$5,119,778	\$5,235,744	\$6,822,006	\$5,866,747	\$6,232,916	\$8,573,970
Vanguard FTSE Social Index (Inv)	VFTSX	\$766,752	\$1,067,142	\$1,070,349	\$1,111,702	\$1,382,739	\$1,141,768	\$1,130,006	\$1,220,825
Vanguard Energy (Inv)	VGENX	\$3,149,220	\$3,920,957	\$5,041,983	\$4,606,927	\$4,577,920	\$4,549,442	\$3,891,921	\$5,228,960
Vanguard Growth Equity (Inv)	VGEQX	\$632,373	\$1,049,344	\$1,056,446	\$1,266,001	\$1,733,973			
Vanguard Health Care (Inv)	VGHCX	\$1,637,615	\$1,679,767	\$1,952,469	\$2,262,957	\$4,366,576	\$5,587,810	\$10,809,097	\$6,388,399
Vanguard Precious Metals and Mining (Inv)	VGPMX	\$3,719,738	\$6,073,092	\$4,158,221	\$3,878,435	\$1,878,181	\$1,828,424	\$1,410,622	
Vanguard REIT Index (Inv)	VGSIX	\$2,861,923	\$4,212,488	\$4,648,559	\$6,285,249	\$5,756,130	\$8,050,737	\$7,933,348	\$8,663,622

DR. ALAN SACERDOTE, et. al. vs. NEW YORK UNIVERSITY  
 WS Retirement Plan  
 Plan Assets

Fund Name	Ticker	2009 Assets	2010 Assets	2011 Assets	2012 Assets	2013 Assets	2014 Assets	2015 Assets	2016 Assets
Vanguard STAR (Inv.)	VGSTX	\$3,502,787	\$4,161,157	\$4,194,510	\$4,550,653	\$5,602,438	\$5,756,225	\$5,475,940	\$5,871,003
Vanguard Total International Stock Index (Inv.)	VGTGX	\$5,366,212	\$6,706,556	\$5,919,779	\$8,001,102	\$9,906,293	\$10,656,442	\$10,948,916	\$12,319,287
Vanguard Capital Opportunity (Inv.)	VHCOX	\$7,574,525	\$7,851,242	\$7,067,592	\$7,791,740	\$11,873,095	\$13,655,674	\$13,615,968	\$14,917,875
Vanguard Global Equity (Inv.)	VHGEX	\$2,954,368	\$3,031,342	\$2,727,024	\$2,947,835	\$4,329,467	\$4,506,030	\$3,842,333	\$4,468,099
Vanguard Growth Index (Inv.)	VIGRX	\$4,205,430	\$4,495,857	\$5,395,510	\$6,505,478	\$7,365,180	\$8,450,611	\$8,672,934	\$8,852,100
Vanguard Mid-Cap Index (Inv.)	VIMSX	\$2,520,143	\$5,016,467	\$4,092,795	\$4,416,650	\$6,552,237	\$7,945,891	\$7,681,750	\$8,844,538
Vanguard International Explorer (Inv.)	VINEX	\$2,416,485	\$3,280,116	\$2,614,720	\$2,943,107	\$4,894,542	\$4,208,841	\$5,486,191	\$4,079,088
Vanguard Institutional Index (Inst.)	VINIX						\$53,353,865	\$54,562,536	\$62,168,369
Vanguard Inflation-Protected Securities (Inv.)	VIPSX	\$6,275,310	\$7,111,031	\$8,989,099	\$9,315,868	\$7,791,427	\$7,267,424	\$6,744,048	\$8,032,501
Vanguard Small Cap Growth Index (Inv.)	VISGX	\$1,741,857	\$2,305,397	\$2,707,467	\$2,930,646	\$3,713,729	\$3,885,631	\$4,097,081	\$4,115,605
Vanguard Small Cap Value Index (Inv.)	VISVX	\$1,844,000	\$2,485,738	\$2,273,365	\$2,821,166	\$5,420,700	\$5,654,810	\$5,599,435	\$5,985,384
Vanguard Value Index (Inv.)	VIVAX	\$1,681,111	\$2,115,732	\$2,037,459	\$2,412,215	\$3,347,040	\$3,771,042	\$3,702,399	\$4,797,114
Vanguard Federal Money Market (Inv.)	VMFAX	\$9,095,430	\$2,452,078	\$2,273,649	\$1,561,238	\$1,329,760	\$1,168,256	\$1,024,780	\$30,307,465
Vanguard Mid Cap Growth (Inv.)	VMGRX	\$1,116,535	\$1,261,751	\$1,520,983	\$2,464,038	\$3,079,799	\$2,669,044	\$3,463,353	\$2,762,751
Vanguard Prime Money Market (Inv.)	VMMX	\$18,818,801	\$7,160,567	\$21,581,415	\$18,356,363	\$22,153,612	\$20,637,233	\$24,039,023	
Vanguard Morgan Growth (Inv.)	VMRGX	\$6,130,826	\$7,393,093	\$6,166,728	\$7,221,411	\$9,751,694	\$10,466,224	\$10,699,904	\$8,106,114
Vanguard Pacific Stock Index (Inv.)	VPACX	\$3,462,419	\$3,588,098	\$3,004,088	\$3,558,111	\$4,133,741	\$3,545,382	\$4,059,833	\$3,327,818
Vanguard PRIMECAP Core (Inv.)	VPCCX	\$962,796	\$1,055,313	\$1,171,437	\$1,077,384	\$1,937,389	\$3,457,530	\$2,868,113	\$2,828,531
Vanguard PRIMECAP (Inv.)	VPMCX	\$15,446,556	\$16,680,461	\$15,730,753	\$17,573,486	\$24,070,454	\$28,186,569	\$28,247,276	\$30,522,968
Vanguard Growth & Income (Inv.)	VONPX	\$2,268,538	\$2,651,756	\$2,486,670	\$2,848,796	\$4,236,395	\$4,349,686	\$4,023,325	\$4,987,624
Vanguard LifeStrategy Conservative Growth (Inv.)	VSCGX	\$1,105,496	\$1,283,830	\$1,329,142	\$1,426,078	\$1,998,744	\$3,322,164	\$3,517,699	\$3,013,695
Vanguard Strategic Equity (Inv.)	VSEOX	\$2,112,260	\$2,593,689	\$2,684,004	\$3,080,814	\$4,553,052	\$6,254,202	\$6,286,165	\$7,414,905
Vanguard Short-Term Federal (Inv.)	VSGBX	\$1,892,561	\$1,453,278	\$1,361,481	\$1,313,456	\$1,515,554	\$1,614,987	\$1,624,030	\$1,453,804
Vanguard LifeStrategy Moderate Growth (Inv.)	VSMGX	\$3,688,967	\$4,403,563	\$4,859,292	\$5,218,156	\$5,706,750	\$6,304,455	\$6,391,257	\$7,466,244
Vanguard Target Retirement 2010 (Inv.)	VTENX	\$550,871	\$979,400	\$963,799	\$1,860,948	\$2,098,728	\$1,873,064	\$2,063,386	\$2,313,086
Vanguard Target Retirement 2030 (Inv.)	VTHRX	\$1,937,947	\$2,927,543	\$4,407,433	\$6,028,095	\$9,272,144	\$11,778,674	\$14,208,325	\$18,243,178
Vanguard Target Retirement Income (Inv.)	VTINX	\$361,089	\$401,193	\$1,144,135	\$2,049,594	\$2,179,268	\$2,005,933	\$1,904,300	\$3,250,629
Vanguard Target Retirement 2045 (Inv.)	VTIVX	\$2,427,609	\$4,873,788	\$7,175,094	\$11,556,059	\$18,473,867	\$24,262,926	\$28,855,641	\$36,402,070
Vanguard Target Retirement 2005 (Inv.)	VTOVX	\$390,822	\$199,108	\$317,767					
Vanguard International Value (Inv.)	VTRIX	\$3,212,229	\$3,334,844	\$2,661,973	\$3,106,220	\$4,014,068	\$3,845,166	\$3,747,901	\$3,916,460
Vanguard Total Stock Market Index (Inv./ Inst.)	VTSIMX / VITSX	\$11,770,808	\$15,425,470	\$16,650,485	\$20,659,898	\$29,354,927	\$35,913,646	\$37,031,056	\$44,993,383
Vanguard Target Retirement 2035 (Inv.)	VITHX	\$4,330,244	\$6,844,716	\$7,959,609	\$11,228,892	\$16,068,896	\$20,549,294	\$23,854,159	\$28,293,333
Vanguard Target Retirement 2060 (Inv.)	VITSX					\$2,7923	\$7,728	\$159,101	\$239,800
Vanguard Target Retirement 2025 (Inv.)	VITVX	\$5,974,020	\$8,379,643	\$10,352,837	\$13,186,374	\$17,418,665	\$21,392,972	\$21,943,085	\$25,439,705
Vanguard Target Retirement 2020 (Inv.)	VTWNX	\$2,441,057	\$3,272,321	\$4,136,769	\$5,351,144	\$7,553,582	\$9,192,482	\$10,891,578	\$12,856,360
Vanguard Target Retirement 2015 (Inv.)	VTXVX	\$2,885,293	\$4,837,788	\$5,380,602	\$7,656,441	\$10,077,381	\$11,027,136	\$10,519,557	\$11,818,720
Vanguard Long-Term Treasury (Inv.)	VUSTX	\$3,036,889	\$4,861,009	\$5,373,472	\$8,378,938	\$4,414,583	\$5,867,979	\$6,051,876	\$5,745,911
Vanguard Admiral Treasury Money Market (Inv.)	VUSXX	\$4,022,373	\$3,118,189	\$2,500,750	\$2,239,527	\$1,835,316	\$1,500,309	\$1,372,452	
Vanguard U.S. Value (Inv.)	VULIX	\$468,599	\$558,827	\$536,405	\$583,043	\$1,278,977	\$1,594,495	\$1,170,590	\$1,423,538
Vanguard High-Yield Corporate (Inv.)	VWEHX	\$3,457,010	\$3,872,788	\$4,491,611	\$5,254,418	\$5,903,033	\$4,941,604	\$4,985,405	\$5,542,231
Vanguard Wellington (Inv.)	VWELEX	\$12,926,804	\$14,355,503	\$14,148,292	\$15,435,991	\$19,328,878	\$22,313,814	\$19,735,615	\$21,335,548
Vanguard Long-Term Investment-Grade (Inv.)	VWESX	\$3,848,300	\$4,723,063	\$6,159,002	\$6,505,542	\$5,548,014	\$6,666,677	\$7,212,848	\$8,058,456
Vanguard International Growth (Inv.)	VWIGX	\$9,356,583	\$10,320,369	\$8,488,783	\$9,481,915	\$10,997,140	\$9,978,488	\$10,239,025	\$9,686,854
Vanguard Wellesley Income (Inv.)	VWINX	\$3,782,627	\$4,359,487	\$5,008,948	\$5,855,649	\$5,695,646	\$5,786,663	\$6,278,095	\$6,232,968
Vanguard Windsor (Inv.)	VWNDX	\$29,827,592	\$31,795,979	\$28,786,659	\$32,546,330	\$42,265,649	\$45,844,934	\$40,698,659	\$43,859,944
Vanguard Windsor II (Inv.)	VWNFX	\$9,174,879	\$10,308,475	\$10,333,571	\$11,794,964	\$15,816,596	\$17,357,424	\$14,229,315	\$15,529,690
Vanguard U.S. Growth (Inv.)	VWUSX	\$3,389,433	\$3,888,427	\$3,745,771	\$4,661,006	\$5,962,309	\$8,842,513	\$9,802,469	\$9,469,355
TIAA Traditional Annuity		\$576,482,765	\$591,894,201	\$604,863,387	\$622,311,678	\$640,199,290	\$655,625,342	\$667,643,323	\$689,496,343

Total Assets

\$1,623,348,680 \$1,786,975,566 \$1,785,653,896 \$1,975,486,318 \$2,278,744,452 \$2,415,714,661 \$2,442,670,037 \$2,609,782,090

Sources

Form 5500 Form 5500

DR. ALAN SACERDOTE, et. al. vs. NEW YORK UNIVERSITY  
 NYU School of Medicine Retirement Plan  
 Plan Assets

Fund Name	Ticker	2009 Assets	2010 Assets	2011 Assets	2012 Assets	2013 Assets	2014 Assets	2015 Assets	2016 Assets
CREF Bond Market (No class / R3)	None/QCBMIX	\$20,222,871	\$27,525,937	\$27,185,738	\$29,882,101	\$26,513,171	\$24,254,636	\$24,033,914	\$25,063,040
CREF Equity Index (No class / R3)	None/QCEQIX	\$19,122,493	\$22,012,761	\$22,127,566	\$25,929,411	\$24,382,983	\$35,986,781	\$31,648,736	\$38,20,005
CREF Global Equities (No class / R3)	None/QCGLIX	\$34,680,034	\$37,664,750	\$32,318,208	\$35,575,760	\$44,630,453	\$46,109,055	\$44,409,207	\$43,311,600
CREF Growth (No class / R3)	None/QCGRIX	\$29,051,978	\$32,998,081	\$32,265,700	\$37,737,974	\$48,465,396	\$53,760,388	\$59,106,885	\$53,294,893
CREF Inflation-Linked Bond (No class / R3)	None/QCLIX	\$21,195,978	\$23,756,962	\$27,651,978	\$28,117,206	\$19,200,996	\$18,662,810	\$17,529,467	\$16,791,195
CREF Money Market (No class / R3)	None/QCMMIX	\$30,168,801	\$22,769,447	\$27,098,855	\$30,473,029	\$27,842,265	\$25,896,886	\$24,238,010	\$24,890,513
CREF Social Choice (No class / R3)	None/QCSIX	\$12,838,577	\$15,088,749	\$15,152,638	\$17,193,371	\$20,363,492	\$22,150,527	\$20,137,617	\$18,526,772
CREF Stock (No class / R3)	None/QCSTIX	\$282,223,122	\$304,567,640	\$268,274,265	\$294,746,496	\$349,645,140	\$334,873,654	\$309,981,929	\$319,160,121
TIAA Group Supplemental Retirement Annuity				\$93,995,847	\$97,045,091	\$104,001,317	\$114,285,892	\$128,844,177	\$147,245,288
TIAA Real Estate	QREARK	\$17,689,106	\$28,160,351	\$34,035,819	\$39,161,196	\$46,598,118	\$58,665,476	\$71,049,620	\$80,543,700
TIAA Traditional Annuity				\$456,582,229	\$463,882,927	\$386,018,312	\$393,706,579	\$399,792,708	\$410,236,628
Vanguard 500 Index (Inv / Signal)	VFINX / VIFSX	\$24,193,510	\$28,006,076	\$29,216,359	\$35,270,207				
Vanguard Admiral Treasury Money Market (Inv)	VUSXX	\$4,439,670	\$3,131,278	\$2,591,152	\$1,999,892	\$1,550,894	\$1,467,983	\$1,306,521	
Vanguard Asset Allocation (Inv)	VAAPX	\$3,765,939	\$4,438,343	\$4,537,853					
Vanguard Balanced Index (Inv / Signal / Inst)	VBINX / VBASX / VBAIX	\$733,424	\$984,643	\$1,139,476	\$6,799,694	\$9,356,875	\$12,514,392	\$12,900,009	\$13,818,545
Vanguard Capital Opportunity (Inv / Adm)	VHCOX / VHCAZ	\$8,163,712	\$8,885,566	\$7,755,763	\$8,378,540	\$12,264,734	\$15,707,728	\$15,475,864	\$15,752,532
Vanguard Capital Value (Inv)	VCVLX	\$627,455	\$863,789	\$951,911	\$1,061,742	\$2,655,404	\$1,866,988	\$1,510,545	\$1,348,265
Vanguard Convertible Securities (Inv)	VCVSX	\$653,257	\$916,736	\$766,779	\$894,108	\$1,327,070	\$1,192,104	\$1,341,488	\$1,344,919
Vanguard Developed Markets Index (Inv / Adm / Inst)	VDMIX / VDMAX / VTMNX	\$1,727,630	\$1,413,863	\$1,374,470	\$1,595,925	\$2,596,988	\$4,211,771	\$5,600,677	\$8,128,176
Vanguard Dividend Growth (Inv)	VDIGX	\$874,725	\$1,023,053	\$2,421,619	\$3,006,164	\$5,823,033	\$6,870,823	\$7,675,763	\$12,391,606
Vanguard Emerging Markets Stock Index (Inv / Signal / Inst)	VEIEX / VERSX / VEMIX	\$6,055,956	\$7,736,133	\$6,663,635	\$8,464,423	\$7,583,132	\$8,996,611	\$8,929,706	\$12,359,941
Vanguard Equity-Income (Inv / Adm)	VEIPX / VEIRX	\$2,260,125	\$2,941,249	\$3,593,815	\$4,547,415	\$6,421,297	\$8,487,175	\$8,720,434	\$12,660,648
Vanguard European Stock Index (Inv / Signal / Adm)	VEURX / VESSX / VEUSX	\$1,294,425	\$1,244,076	\$1,169,457	\$1,189,234	\$1,885,176	\$1,780,199	\$2,530,090	\$3,648,107
Vanguard Explorer (Inv / Adm)	VEAFX / VEXRX	\$4,565,018	\$5,938,207	\$5,585,866	\$6,414,502	\$9,105,758	\$8,624,181	\$7,921,054	\$8,445,951
Vanguard Extended Market Index (Inv / Signal / Adm)	VEXMX / VEMXS / VEXAX	\$631,148	\$900,003	\$1,042,677	\$1,215,346	\$2,103,429	\$2,492,023	\$2,657,199	\$3,665,409
Vanguard Federal Money Market (Inv)	VMFXX	\$2,777,580	\$2,002,352	\$1,880,560	\$1,649,428	\$1,400,334	\$1,190,978	\$616,721	\$23,371,600
Vanguard FTSE Social Index (Inv)	VFTSX	\$253,144	\$338,200	\$372,265	\$112,304	\$153,680	\$128,912	\$130,425	\$128,711
Vanguard Global Equity (Inv)	VHGEX	\$2,091,287	\$2,611,747	\$2,922,254	\$3,023,225	\$5,021,822	\$4,836,135	\$7,381,234	\$9,572,485
Vanguard GNMA (Inv / Adm)	VFIFX / VFUX	\$2,221,188	\$3,306,787	\$2,846,081	\$3,074,044	\$2,732,111	\$2,570,244	\$2,560,626	\$2,988,620
Vanguard Growth & Income (Inv / Adm)	VONPX / VGIAX	\$4,290,572	\$4,776,310	\$4,691,036	\$2,451,725	\$6,581,989	\$7,746,090	\$10,060,332	\$13,850,027
Vanguard Growth Equity (Inv)	VGEOX	\$476,534	\$669,583	\$582,529	\$798,222	\$1,136,200			
Vanguard Growth Index (Inv / Signal / Adm / Inst)	VIGRX / VIGSX / VIGAX / VIGIX	\$1,836,316	\$1,979,057	\$1,769,891	\$5,048,224	\$3,546,493	\$4,277,691	\$5,315,162	\$6,126,505
Vanguard High-Yield Corporate (Inv / Adm)	VWEHX / VWEAX	\$2,156,330	\$2,880,167	\$3,332,004	\$4,929,221	\$5,554,327	\$6,180,011	\$6,732,951	\$9,989,063
Vanguard Inflation-Protected Securities (Inv / Adm / Inst)	VIPSX / VAIPX / VPIPX	\$4,090,946	\$4,093,113	\$5,481,220	\$7,013,171	\$5,071,776	\$6,577,827	\$6,050,350	\$7,690,744
Vanguard Institutional Index (Inst)	VINIX					\$48,394,398	\$52,198,111	\$52,010,759	\$58,370,049
Vanguard Intermediate-Term Bond Index (Inv / Signal / Adm)	VBIIX / VIBSX / VBLX	\$1,719,696	\$1,998,590	\$2,121,985	\$2,614,783	\$3,102,615	\$3,486,687	\$3,402,934	\$3,483,347
Vanguard Intermediate-Term Investment-Grade (Inv / Adm)	VFICX / VFIDX	\$719,528	\$1,305,377	\$1,220,117	\$1,562,048	\$1,338,302	\$2,085,676	\$2,334,444	\$2,550,823
Vanguard Intermediate-Term Treasury (Inv / Adm)	VFITX / VFUX	\$1,369,945	\$1,266,055	\$1,561,969	\$1,342,360	\$1,458,217	\$1,228,223	\$1,270,231	\$1,122,969
Vanguard International Explorer (Inv)	VINEX	\$3,568,190	\$5,207,280	\$4,318,286	\$4,495,083	\$6,323,913	\$6,500,204	\$7,395,374	\$7,219,237
Vanguard International Growth (Inv / Adm)	VWIGX / VVILX	\$6,545,397	\$7,671,707	\$6,670,945	\$8,512,014	\$10,932,657	\$10,362,159	\$10,681,832	\$11,174,981
Vanguard International Value (Inv)	VTRIX	\$2,127,823	\$2,300,230	\$1,908,315	\$2,200,042	\$5,558,110	\$5,077,621	\$4,958,075	\$5,003,653
Vanguard LifeStrategy Conservative Growth (Inv)	VSCGX	\$682,455	\$877,350	\$927,440	\$1,084,169	\$1,289,092	\$1,444,945	\$1,496,971	\$1,625,715
Vanguard LifeStrategy Growth (Inv)	VASGX	\$1,340,379	\$1,787,397	\$1,986,071	\$2,252,480	\$2,920,502	\$2,594,939	\$2,700,803	\$5,443,675
Vanguard LifeStrategy Income (Inv)	VASIX	\$323,754	\$438,507	\$470,653	\$618,197	\$563,945	\$596,703	\$656,879	\$3,085,373
Vanguard LifeStrategy Moderate Growth (Inv)	VSMGX	\$2,222,169	\$2,886,457	\$3,226,714	\$4,075,991	\$5,039,996	\$5,388,739	\$5,242,118	\$447,160
Vanguard Long-Term Bond Index (Inv)	VBLTX	\$1,307,943	\$1,589,655	\$2,208,097	\$2,568,665	\$1,812,387	\$2,660,384	\$2,317,319	\$2,523,932
Vanguard Long-Term Investment-Grade (Inv / Adm)	VWESX / VWETX	\$2,951,629	\$3,136,632	\$3,492,565	\$4,006,492	\$3,602,134	\$4,732,225	\$4,497,812	\$4,416,937
Vanguard Long-Term Treasury (Inv)	VUSTX	\$3,114,382	\$3,617,541	\$5,311,906	\$6,848,325	\$5,603,410	\$7,512,038	\$5,884,839	\$6,901,236
Vanguard Mid Cap Growth (Inv)	VMGRX	\$1,174,210	\$1,552,991	\$1,756,616	\$2,183,697	\$3,748,303	\$3,702,933	\$4,327,698	\$4,227,876
Vanguard Mid-Cap Index (Inv / Signal / Inst)	VIMSX / VMSX / VMCLX	\$2,493,166	\$3,212,456	\$3,483,633	\$4,149,540	\$7,305,216	\$10,864,351	\$1,491,511	\$14,885,600
Vanguard Morgan Growth (Inv / Adm)	VMRAX	\$3,803,077	\$4,292,875	\$4,105,111	\$4,545,796	\$5,777,643	\$6,112,260	\$7,018,828	\$8,575,402
Vanguard Pacific Stock Index (Inv / Signal / Adm)	VPACX / VPASX / VPADX	\$778,509	\$983,774	\$697,334	\$29,264,458	\$1,298,088	\$1,114,713	\$1,072,196	\$1,022,411
Vanguard Prime Money Market (Inv / Adm)	VMMXX / VMRXX	\$11,675,149	\$14,177,091	\$18,520,258	\$1,019,589	\$18,566,681	\$18,284,509	\$18,491,253	
Vanguard PRIMECAP (Inv / Adm)	VPMCX / VPMAX	\$24,081,812	\$26,648,351	\$26,283,004	\$20,726,693	\$39,569,243	\$47,423,654	\$46,535,254	\$49,052,424
Vanguard REIT Index (Inv / Signal / Inst)	VGSIX / VGRSX / VGSNX	\$3,947,665	\$5,098,942	\$5,590,983	\$6,428,747	\$6,820,660	\$11,399,939	\$11,212,337	\$14,577,017
Vanguard Selected Value (Inv)	VASVX	\$1,932,079	\$1,905,132	\$1,964,540	\$2,586,043	\$4,960,644	\$6,070,290	\$6,191,236	\$5,995,785
Vanguard Short-Term Bond Index (Inv / Signal / Adm)	VBISX / VBSSX / VBIIX	\$1,115,358	\$2,213,026	\$2,446,184	\$2,475,719	\$2,787,771	\$3,653,492	\$3,483,742	\$4,572,713
Vanguard Short-Term Federal (Inv / Adm)	VSGBX / VSGDX	\$744,584	\$706,143	\$642,515	\$725,581	\$767,911	\$2,868,240	\$2,968,594	\$2,934,897
Vanguard Short-Term Investment-Grade (Inv / Adm / Inst)	VFSTX / VFSX / VFSIX	\$1,635,307	\$2,357,111	\$3,015,946	\$3,878,261	\$5,540,501	\$5,498,135	\$5,690,689	\$5,847,762
Vanguard Short-Term Treasury (Inv / Adm)	VFISX / VFRX	\$795,284	\$673,507	\$807,666	\$493,213	\$616,309	\$733,461	\$877,881	\$985,592

DR. ALAN SACERDOTE, et. al. vs. NEW YORK UNIVERSITY  
 NYU School of Medicine Retirement Plan  
 Plan Assets

Fund Name	Ticker	2009 Assets	2010 Assets	2011 Assets	2012 Assets	2013 Assets	2014 Assets	2015 Assets	2016 Assets
Vanguard Small Cap Growth Index (Inv / Adm / Inst)	VISGX / VSGAX / VSGIX	\$1,138,234	\$1,741,005	\$2,502,296	\$3,966,272	\$4,496,898	\$4,759,871	\$5,264,894	\$6,019,000
Vanguard Small Cap Index (Inv / Signal / Inst)	NAESX / VSISX / VSCIX	\$1,744,753	\$2,462,956	\$2,532,693	\$2,477,625	\$6,738,386	\$7,677,201	\$9,126,756	\$10,23,991
Vanguard Small Cap Value Index (Inv / Adm / Inst)	VISVX / VSIAK / VSIX	\$1,665,256	\$2,643,421	\$1,769,272	\$2,095,393	\$4,252,801	\$7,073,300	\$7,866,832	\$15,093,869
Vanguard STAR (Inv)	VGSTX	\$3,571,650	\$4,186,657	\$4,298,417	\$5,127,504	\$5,279,256	\$5,531,701	\$5,714,641	\$5,950,267
Vanguard Strategic Equity (Inv)	VSEOX	\$1,156,904	\$1,396,530	\$1,447,266	\$1,784,243	\$2,992,671	\$3,874,283	\$6,865,804	\$8,553,943
Vanguard Target Retirement 2005 (Inv)	VTOVX	\$135,126	\$158,664	\$204,314					
Vanguard Target Retirement 2010 (Inv / Inst)	VTENX / VITBX	\$37,076	\$41,070	\$452,133	\$1,061,070	\$1,722,141	\$2,328,736	\$4,896,516	
Vanguard Target Retirement 2015 (Inv / Inst)	VTVNX / VITVX	\$2,169,096	\$3,436,884	\$4,017,041	\$5,444,804	\$6,116,603	\$7,472,399	\$8,834,392	\$11,231,983
Vanguard Target Retirement 2020 (Inv / Inst)	VTWINX / VITWX	\$32,392	\$641,164	\$1,273,338	\$1,927,745	\$5,673,997	\$10,184,347	\$13,562,019	\$18,473,671
Vanguard Target Retirement 2025 (Inv / Inst)	VTIVX / VRIVX	\$2,398,753	\$3,540,199	\$4,914,852	\$6,966,697	\$11,967,066	\$15,594,140	\$19,570,773	\$27,347,699
Vanguard Target Retirement 2030 (Inv / Inst)	VTIRX / VITWX	\$273,805	\$760,601	\$1,846,581	\$5,452,550	\$8,880,974	\$13,518,843	\$18,984,193	
Vanguard Target Retirement 2035 (Inv / Inst)	VITHX / VITFX	\$3,207,480	\$5,140,281	\$6,995,598	\$10,452,790	\$16,957,297	\$21,932,214	\$27,258,486	\$36,842,029
Vanguard Target Retirement 2040 (Inv / Inst)	VFORX / VIRSX	\$16,803	\$500,935	\$856,995	\$2,210,652	\$6,325,226	\$11,681,879	\$17,004,644	\$25,068,714
Vanguard Target Retirement 2045 (Inv / Inst)	VTIVX / VITLX	\$1,859,185	\$2,971,433	\$3,807,552	\$6,497,873	\$12,164,564	\$18,355,928	\$25,285,133	\$35,192,984
Vanguard Target Retirement 2050 (Inv / Inst)	VFIFX / VTRLX	\$9,822	\$43,130	\$43,130	\$202,915	\$910,063	\$1,944,926	\$4,049,271	\$7,349,110
Vanguard Target Retirement 2055 (Inv / Inst)	VFVFX / VIVLX			\$9,973	\$68,664	\$247,225	\$364,317	\$458,308	\$589,431
Vanguard Target Retirement 2060 (Inv / Inst)	VTTSX / VILVX				\$29,718	\$296,252	\$265,647	\$279,033	\$353,058
Vanguard Target Retirement Income (Inv / Inst)	VTINX / VTRX	\$96,722	\$129,816	\$249,977	\$1,217,606	\$1,417,860	\$2,074,975	\$2,522,355	\$3,171,817
Vanguard Total Bond Market Index (Inv / Signal / Inst)	VBMFX / VBTSX / VBTIX	\$7,445,463	\$10,717,404	\$12,052,198	\$13,659,804	\$13,625,603	\$15,706,986	\$15,952,459	\$17,333,879
Vanguard Total International Stock Index (Inv / Signal / Inst)	VGTSX / VTSGX / VTSNX	\$3,362,606	\$4,559,634	\$4,434,693	\$6,040,393	\$8,025,075	\$8,129,186	\$8,656,355	\$9,415,916
Vanguard Total Stock Market Index (Inv / Signal / Inst)	VTSMX / VTSX / VITSX	\$7,426,352	\$10,516,269	\$11,832,034	\$16,759,495	\$26,293,396	\$30,411,518	\$34,241,955	\$39,931,059
Vanguard U.S. Growth (Inv / Adm)	VWUSX / VVUAX	\$3,737,304	\$4,109,522	\$4,254,480	\$5,299,010	\$7,123,026	\$8,996,534	\$11,405,781	\$10,667,760
Vanguard U.S. Value (Inv)	VUVLX	\$620,303	\$875,983	\$908,211	\$1,126,631	\$2,289,387	\$3,365,071	\$4,270,821	\$5,589,592
Vanguard Value Index (Inv / Signal / Adm)	VIVAX / VVISX / VVIAK	\$930,078	\$882,355	\$956,621	\$1,121,453	\$1,734,955	\$3,286,589	\$3,747,777	\$7,786,341
Vanguard Wellesley Income (Inv / Adm)	VWINX / VVIAK	\$5,021,599	\$5,907,786	\$6,881,859	\$8,373,536	\$10,464,991	\$13,475,860	\$14,017,435	\$13,643,914
Vanguard Wellington (Inv / Adm)	VWELX / VVWENX	\$10,466,526	\$11,396,573	\$12,237,048	\$14,297,284	\$16,545,680	\$19,424,221	\$22,606,373	\$25,153,131
Vanguard Windsor (Inv / Adm)	VWNDX / VVNEX	\$27,562,410	\$31,044,434	\$28,842,235	\$33,487,055	\$43,604,867	\$44,234,192	\$41,012,621	\$41,573,402
Vanguard Windsor II (Inv / Adm)	VWNFX / VVNAX	\$8,516,199	\$10,037,694	\$10,308,797	\$12,408,340	\$16,560,680	\$17,732,974	\$16,030,401	\$18,816,671
Total Assets		\$1,180,426,765	\$1,286,531,411	\$1,291,975,826	\$1,424,054,985	\$1,647,604,664	\$1,770,350,627	\$1,833,008,636	\$2,008,569,706
Sources		Form 5500							

## DR. ALAN SACERDOTE, et. al. vs. NEW YORK UNIVERSITY

WS Plan  
Participants

Description	2009	2010	2011	2012	2013	2014	2015	2016
Number of Participants with Account Balances at Year End	11,064	11,678	12,428	13,004	13,618	16,302	16,922	17,299
Sources	Form 5500							

**DR. ALAN SACERDOTE, et. al. vs. NEW YORK UNIVERSITY  
NYU SOM Retirement Plan  
Participants**

Description	2009	2010	2011	2012	2013	2014	2015	2016
Number of Participants with Account Balances at Year End	6,720	8,085	8,164	10,572	7,658	7,862	8,250	8,481
Sources	Form 5500							